



CLEAN AIR SOLUTIONS

Ozarks Technical Community College



"I would highly recommend RoboVent systems and products to not only my peers, but to any guests and visitors that frequent our facility!"

— Jim Bridwell, Welding Program Director,
Ozarks Technical Community College

Ozarks Technical Community College, located in Springfield, MO, operates a weld school to train the future stars of the fabrication industry. Their students count on the staff to be knowledgeable and the facilities to be safe. They came to RoboVent looking for a partner they can trust and depend on.

The Problem

The Ozarks welding program hosts several classes per day in order to teach students on the fundamentals of the welding process. There are 32 weld stations where students can master their craft. The ongoing welding created an unsafe environment with noxious fumes.

Before coming to Robovent, Jim Bridwell, the Director of the welding program, was experiencing several symptoms indicative of Metal Fume Fever—and he noticed his students were exhibiting some as well. Mr. Bridwell tried employing a high-pressure, low-volume system provided by a competitor. "Within minutes of class beginning, there would be a thick cloud of smoke ten feet off the ground," he said. As a result, many students began to complain about the smoky conditions.

The RoboVent Solution

Mr. Bridwell reached out to RoboVent for a better solution. After an initial diagnosis of the problem, Robovent's trained Applications Specialists prescribed a solution of a ducted fume arm system with 32 arms. These would be connected to Robovent's Floor Mount (FM) collector. This solution was installed in 2009 and has been working flawlessly ever since. Mr. Bridwell says, "Even if we forget to turn the machines on at the beginning of class, within minutes, the room is clear and the air is fresh."

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The Result

After the installation, Mr. Bridwell noticed an immense improvement almost immediately. The students are happy and Mr. Bridwell no longer exhibits any signs or symptoms of Metal Fume Fever. Mr. Bridwell is very thorough with the maintenance of the equipment, and is still using some of the original filters from the initial installation. The entire staff and faculty at Ozarks Technical Community College are extremely pleased with the results that RoboVent provided. Along with ongoing support, Mr. Bridwell plans on contacting RoboVent for his future expansion, and would "highly recommend RoboVent systems and products to not only my peers, but to any guests and visitors that frequent our facility!"



Number of
Lives Improved
through Clean Air at



**Ozarks Technical
Community
College:**

200

Improving Lives through Clean Air.™

At RoboVent, clean air is more than our business—it's our passion. We are driven by the knowledge that the work we do directly impacts the health, safety and quality of life for thousands of manufacturing workers in the U.S. and around the globe. We've already helped to improve the lives of 60,000+ people with our clean air remedies, and this year we hope to help 10,000 more.

Our goal is to increase productivity in manufacturing environments by improving the lives of the people.

For more information visit www.RoboVent.com/cleanair.

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